

Form PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
1567/70937-ZASerial No.
Not Yet Known
1017351439Applicant(s)
Jacob Bar-TanaFiling Date
Herewith
DEC 11, 2003Group Art Unit
1614INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	4 6 3 4 7 9 5					
	4 6 8 9 3 4 4					
	4 7 1 1 8 9 6					
	4 9 5 4 4 8 7					
	5 5 0 2 2 2 6					
	5 5 0 2 0 7 7					
	5 6 4 1 8 1 0					
	6 3 0 3 6 5 3					

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Name	Class	Subclass	Translation
						Yes
WO	98 3 0 5 3 0					
WO	98 3 6 7 4 5					
IS	1 1 9 9 7 1					
IS	1 2 1 1 6 5					
EPO	0 6 6 1 0 4 9					
EPO	0 0 8 1 9 3 0					

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Bar-Tana et al., "Inhibition of lipid synthesis by β, β' tetramethyl-substituted C14-C22 α, ω dicarboxilic acids in the rat <i>in vivo</i> ", <i>J. Biol. Chem.</i> , 260:8404-8410 (1985);
	Bar-Tana et al., "Hypolipidemic effect of β, β' -methyl-substituted hexadecanedioic acid (MEDICA 16) in normal and nephrotic rats", <i>J. Lipid Res.</i> , 29:431-441 (1988);
	Bar-Tana et al., "Hypolipidemic effect of β, β' -methyl-substituted hexadecanedioic acid in normal and nephrotic rats", <i>J. Lipid Res.</i> , 29:4431-4441 (1998);
	Bar-Tana et al., "Long chain dicarboxylic acids: Hypolipidemic, antiobesity and antidiabetic activity", <i>New Antibiotic Drugs</i> , (Eds. Bailey, C.J., Flatt P.R.). Smity-Torton and Comp. (1990);
	Bar-Tana et al., "Synthesis, hypolipidemic and antidiabetogenic activities of β, β' tetra-substituted, long chain dioic acids", <i>J. Med. Chem.</i> , 32:2072-2084 (1989);

EXAMINER

DATE CONSIDERED

18 FEBRUARY 2007

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)					Atty. Docket No. 1567/70937-ZA	Serial No. Not Yet Known 101735,439	
					Applicant(s) Jacob Bar-Tana		
					Filing Date Herewith DEC 11, 2003	Group Art Unit 1614	
U.S. PATENT DOCUMENTS							
Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
FOREIGN PATENT DOCUMENTS							
Examiner Initials		Document Number	Date	Name	Class	Subclass	Translation
							Yes
							No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Cave, W.T., "Dietary n-3 (omega-3) polyunsaturated fatty acid effects on animal tumorigenesis", FASEB J., 5:52160-2166 (1991);					
		Chin, J.P.F., Prost. Leuk. Essent. Fatty Acids, 50:211-222 (1994);					
		De-Fronzo et al., "Insulin resistance: a multifaceted syndrome responsible for NIDDM, obesity, hypertension, dyslipidemia and atherosclerotic cardiovascular disease", Diabetes Care, 3:173-194 (1991);					
		Frenkel et al., "The effect of β, β' -methyl-substituted hexadecanedioic acid on VLDL metabolism in rats: role of apolipoprotein C-IIIL", Biochem. J., 298:409-414 (1994);					
		Frenkel et al., "The hypochylomicronemic effect of β, β' -methyl-substituted hexadecanedioic acid is mediated by a decrease in apolipoprotein C-IIIL", J. Biol. Chem., 263:8491-8497 (1988);					
EXAMINER <i>Jacob Bar-Tana</i>		DATE CONSIDERED <i>18 FEB 2007</i>					

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 1567/70937-ZA	Serial No. Not Yet Known 10735,439		
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Applicant(s) Jacob Bar-Tana					
		Filing Date Herewith DEC 11, 2003	Group Art Unit 1614				
U.S. PATENT DOCUMENTS							
Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Examiner Initials		Document Number	Date	Name	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Grundy, S.M. & Denke, M.A., "Dietary influences on serum lipids and lipoproteins", J. Lipid Res., 31:1149-1172 (1990);
	Hall et al., "The role of coenzyme A in the biotransformation of 2-arylpropionic acids", Chem. Biol. Interact., 90(3):235-252 (1994);
	Hermesh et al., "Mitochondria uncoupling by a long chain fatty acyl analog", J. Biol. Chem., 273:3937-3942 (1997);
	Hertz et al., "Mode of action of peroxisome proliferators as hypolipidemic drugs: suppression of apolipoprotein C-II", J. Biol. Chem., 270:13470-13475 (1995);
EXAMINER <i>Debbie Denke</i>	DATE CONSIDERED <i>18 FEB 07</i>

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office			Atty. Docket No. 1567/70937-ZA	Serial No. Not Yet Known 10735,439	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)					Applicant(s) Jacob Bar-Tana		
					Filing Date Herewith DEC. 11, 2003	Group Art Unit 1614	
U.S. PATENT DOCUMENTS							
Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
FOREIGN PATENT DOCUMENTS							
Examiner Initials		Document Number	Date	Name	Class	Subclass	Translation
							Yes No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Hultin, M.B., "Fibrinogen and Factor VII as risk factors in vascular disease", Prog. Hemost. Thromb., 10:215-241 (1991);					
		Jeppesen et al., "Low triglycerides-high high-density lipoprotein cholesterol and risk of ischemic heart disease", Arch. Intern. Med., 161:361-366 (2001);					
		Kahn-Rose et al., "Inhibition of lipid synthesis by tetramethyl-substituted C14-C22 dicarboxilic acids in cultured rat hepatocytes", J. Biol. Chem., 260:8411-8415 (1985);					
		Kalderon et al., "Tissue selective modulation of redox and phosphate potentials by -methyl-substituted hexadecanedioic acid", Endocrinology, 131:162-165 (1992);					
EXAMINER	<i>Debbie Sample</i>		DATE CONSIDERED <i>18 FEB 07</i>				
<small>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office				Atty. Docket No. 1567/70937-ZA	Serial No. Not Yet Known 10735,439
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)						Applicant(s) Jacob Bar-Tana	
						Filing Date Herewith DEC. 11, 2003	Group Art Unit 1614
U.S. PATENT DOCUMENTS							
Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>(A large diagonal line is drawn across the entire table from the top-left to the bottom-right.)</i>							
FOREIGN PATENT DOCUMENTS							
Examiner Initials		Document Number	Date	Name	Class	Subclass	Translation
							Yes No
<i>(A large diagonal line is drawn across the entire table from the top-left to the bottom-right.)</i>							
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
PREVIOUSLY CONSIDERED		Leff, T., Reue, K., Melian, A., Culver, H. & Breslow J.L., "A regulatory element in the ApoCIII promoter that directs hepatic specific transcription binds to proteins in expressing and nonexpressing cell types", J. Biol. Chem., 264:16132-16137 (1989);					
LAR		Limatta et al., "Dietary Polyunsaturated Fatty Acids Interfere with the Insulin/Glucose Activation of I-type Pyruvate Kinase Gene Transcription", Molecular Endocrinology, 8:1147-1153 (1994).					
PREVIOUSLY CONSIDERED		Mayorek et al., "Hypocholesterolemic effect of -methyl-substituted hexadecanedioic acid (MEDICA 16) in obese Zucker rats in vivo", 289:911-917 (1993);					
PREVIOUSLY CONSIDERED		Mayorek et al., "Sensitization to insulin induced by -methyl substituted hexadecanedioic acid (MEDICA 16) in obese Zucker rats in vivo", Diabetes, (1997);					
EXAMINER	<i>[Signature]</i>	DATE CONSIDERED 18 FEB 07					

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office			Atty. Docket No. 1567/70937-ZA		Serial No. Not Yet Known 10/735,439
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)					Applicant(s) Jacob Bar-Tana		
		Filing Date Herewith OCT 11, 2003		Group Art Unit 1614			
U.S. PATENT DOCUMENTS							
Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
FOREIGN PATENT DOCUMENTS							
Examiner Initials		Document Number	Date	Name	Class	Subclass	Translation Yes No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	Morris, M.C. Saks, F. & Rosner, B. Circulation 88, 523-533 (1993)						
	Neupert et al., "Effects of ibuprofen enantiomers and its coenzyme A thioesters on human prostaglandin endoperoxide synthases", BR. J. Pharmacol., 122(3):487-492 (1997);						
	Russel et al., "The hypolipidemic effect of tetramethylhexadecanedioic acid (MEDICA 16) in hyperlipidemic JCR:LA-corpulent rats", Arteriosclerosis and Thrombosis, 11:602-609 (1991);						
	Russell et al., "Inhibition of artherosclerosis and myocardial lesions in the JCR:LA-cp rat by -tetramethyl hexadecanedioic acid" Arterioscler. Thromb. Vasc. Biol., 15:918-923;						
EXAMINER	<i>Initials</i>		DATE CONSIDERED		<i>(8 Feb 2007)</i>		

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 1567/70937-ZA	Serial No. Not Yet Known 101735.129		
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Applicant(s) Jacob Bar-Tana					
		Filing Date Herewith DEC. 11, 2003		Group Art Unit 1614			
U.S. PATENT DOCUMENTS							
Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
FOREIGN PATENT DOCUMENTS							
Examiner Initials		Document Number	Date	Name	Class	Subclass	Translation
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Sladek, F.M., "Liver Gene Expression" (eds. Tronche, F. & Yaniv, M.) pp. 207-230, R.G. Landes Co., Austin, TX (1994).					
		Sladek, F.M., Zhong, W.M., Lai, E. Darnell, J.E., Jr. Gene Dev., 4:233-2365 (1990);					
		Sterlien, L.H. et al., "Fish oil prevents insulin resistance induced by high-fat feeding in rats", Science, 237:885-888 (1987);					
		The Metabolic and Inherited Bases of Inherited Disease (eds., Scriver, C.R., Beaudet, A.L., Sly, W.S., Valle, D.) Vol. II, Part 8, 1995 (McGraw-Hill, Inc.);					
EXAMINER	<i>[Signature]</i>		DATE CONSIDERED		18PBB07		
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office			Atty. Docket No. 1567/70937-ZA	Serial No. Not Yet Known 10 735,439
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)					Applicant(s) Jacob Bar-Tana	
		Filing Date Herewith DEC 11, 2003		Group Art Unit 1614		
U.S. PATENT DOCUMENTS						
Examiner Initials		Document Number	Date	Name	Class	Subclass
FOREIGN PATENT DOCUMENTS						
Examiner Initials		Document Number	Date	Name	Class	Subclass
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
		Tracy et al., "Metabolic inversion of (R)-ibuprofen-Coenzyme A", Drug Metabol. Dispos., 21(1):114-120 (1993);				
		Tzur et al., "Adipose reduction by -tetramethyl-substituted hexadecanedioic acid (MEDICA 16)", Int. J. Obesity, 13:313-326 (1989);				
		Tzur et al., "The hypolipidemic antiobesity and hypoglycemic-hypoinsulinemic effects of -methyl-substituted hexadecanedioic acid in sand rats", Diabetes, 37:1618-1624 (1988);				
		Unger, R.H., "Lipotoxicity in the pathogenesis of obesity-dependent NIDDM. Genetic and clinical implications", Diabetes 44, 863-870 (1995); and				
		Yamagata, K. et al., "Mutations in hepatic nuclear factor alpha gene in maturity onset diabetes of the young (MODY 1)", Nature, 384:458-460 (1996).				
EXAMINER	<i>Heidi Karpf</i>		DATE CONSIDERED		18 FEB 07	
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						